

Description

Archco-Rigidon Rigspray Micro is a 2-component medium duty brush, roller or spray applied lining. It is formulated from an isophthalic Polyester resin reinforced with micro glassflakes. The lining dry film thickness is normally 0.6mm. More than one coat can be applied if required.

Principal Characteristics

- * Excellent corrosion resistance
- * Very good abrasion resistance
- * Very good erosion resistance
- * Very low permeability
- * Good chemical resistance
- * Excellent application properties
- * Single coat application 300 to 600 micrometres
- * Excellent undercutting resistance
- * Lower styrene emissions
- * Rapidity of cure
- * Excellent UV resistance

Corrosion and Temperature Resistance

Archco-Rigidon Rigspray Micro is suitable for use in aggressive marine environments and resists some mildly aggressive chemicals at temperatures up to 65°C under immersion conditions.

Suggested Uses

Archco-Rigidon Rigspray Micro is used primarily to protect steel structures from corrosive attack.

Rigspray Micro is widely used for the protection of steel structures subject to the most aggressive marine environments, where abrasion and erosion are also a problem, i.e. splash zones, underdeck areas, helidecks and main deck surfaces.

How to Order

A full material system may be ordered by simply specifying **Archco-Rigidon Rigspray Micro (System 457)**.

Contact **Archco-Rigidon** engineers for further information.

Rigspray	Isophthalic Polyester
Operating Temperature Range	Min -50°C Max +65°C
Application Method	Spray, roller or brush
Surface Preparation	Gritblast to Sa2½ min
Colour	To specification
Catalyst Type	Archco-Rigidon C2
Volume Solids	98%-99%
Dry Film Thickness	300-600 Mic.
Min Substrate Temperature	10°C
Max Humidity during Application	90% Rh
Min Dewpoint/Substrate Differential (steel)	Dewpoint +3°C
Flash Point	31°C
Overcoating Times	Min 2 hrs - Max 36hrs @ 25°C
Tool Cleaning Solvent	T2 Cleaner
Storage Temperature Limits	10°C - 20°C
Specific Gravity	1.2
Shelf Life	6 Months

Estimated Coverages are as follows:	Theoretical Material Requirement	Practical Material Requirement
Component	Quantity m²/0.6mm DFT	Quantity m²/0.6mm DFT
457/04 Rigspray Micro Resin Mix	0.72 kg	1.0 kg
457/11 C2 Catalyst	0.01 kg	0.02 kg
457/16 T2 Cleaner	0.50 litres	0.50 litres

Rigspray Test Data		
Characteristic	Standard	Result
Abrasion Resistance	ASTM D 4060	0.035gm (smooth)
Adhesion Properties	ASTM D 952	8 Mpa
Cathodic Disbondment	BS 3900F11	Compatible